

Wu, Jennifer

From: Nogi, Jill
Sent: Tuesday, May 02, 2017 3:47 PM
To: Wu, Jennifer
Subject: Fw: Icicle Creek

From: Fraser, Gregory <gregory_fraser@fws.gov>
Sent: Tuesday, April 5, 2016 3:47 PM
To: Nogi, Jill
Subject: Re: Icicle Creek

Jill,

Unless you need data this week let's push our phone call to next week. Then we can get a better idea of which locations and how many years of data you're interested in.

On Tue, Apr 5, 2016 at 12:37 PM, Nogi, Jill <nogi.jill@epa.gov> wrote:

Thanks, Greg. I'm out this afternoon but I'm working until 1:30. If you want to talk today, please feel free to call my work number when it's convenient for you. I'll do my best without my notes here! Thanks again -- Jill

Jill A. Nogi, MPH

EPA Region 10 – OWW

NPDES Permits Unit

(206) 553-1841

From: Fraser, Gregory [mailto:gregory_fraser@fws.gov]
Sent: Tuesday, April 05, 2016 12:25 PM

To: Nogi, Jill <nogi.jill@epa.gov>
Subject: Re: Icicle Creek

Jill,

Something came up this morning and I need to head to the Entiat River tomorrow so I won't be available tomorrow other than the early morning. I'll be happy to call you later this afternoon if that works?

On Tue, Apr 5, 2016 at 12:19 PM, Nogi, Jill <nogi.jill@epa.gov> wrote:

Hmmm. Let's talk tomorrow when I'm in the office. I'll call you in the morning – around 10 or so. Thanks so much!

Jill A. Nogi, MPH

EPA Region 10 – OWW

NPDES Permits Unit

(206) 553-1841

From: Fraser, Gregory [mailto:gregory_fraser@fws.gov]

Sent: Tuesday, April 05, 2016 12:14 PM

To: Nogi, Jill <nogi.jill@epa.gov>

Subject: Re: Icicle Creek

Jill,

I spoke with Mary regarding flow in Icicle Creek. I don't remember sending her any temp data but maybe she got access to my database from someone else in the complex or it could be that she got data from my predecessor in that case she wouldn't have 2015 data. I will send you whatever you need, I have it all in excel if that makes it easier for you. How many years of data are you looking for and from which locations? The locations will be dependent on what you want to evaluate. The input from Snow Lakes is what will complicate things. Snow Creek enters Icicle Creek upstream of the hatchery intake and significantly cools Icicle Creek.

On Tue, Apr 5, 2016 at 8:33 AM, Nogi, Jill <nogi.jill@epa.gov> wrote:

Thanks Greg! Welcome back. I really need the raw data in Excel – or in a way that I can import it into Excel. I think you said hourly temperature measurements? I need to analyze the data for the Outfalls (1 and 2 at a minimum) and the ambient temps of Icicle Creek itself (where you may have measured... upstream and downstream of the Hatchery)

I spoke with Mary Lindenburg in Portland – and I think she used your data for her report to Ecology as well? She has it all in a database and thought she could export it to me – next week I believe. I think she's out of the office this week. Do you think you have any newer data that you didn't share with her, as if so, I can use data from both of you to evaluate temperature and develop the NPDES Permit.

I'm working from home today, but if you get a chance to call my desk number it should forward to me. I don't have my notes from the last time we talked, but we should be able to sort out fairly quickly what would be ideal for you to share. Thanks so much!

Jill A. Nogi, MPH

EPA Region 10 – OWW

NPDES Permits Unit

(206) 553-1841

From: Fraser, Gregory [mailto:gregory_fraser@fws.gov]

Sent: Tuesday, April 05, 2016 7:30 AM

To: Nogi, Jill <nogi.jill@epa.gov>

Subject: Icicle Creek

Jill,

I just wanted to touch base regarding Icicle Creek temperature data. I'll be around today and tomorrow but Thursday and Friday and potentially all of next week I'll be traveling. Anyhow if you have any questions about my report and/or data needs sooner than later please let me know and I'll send you what I have available.

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Greg Fraser

Fish Biologist - U.S. Fish and Wildlife Service

Mid-Columbia River Fisheries Resource Office

509-548-2997 (Office)

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